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EDUCATION

Saroj Mohan Institute of Technology　　　　　　　　　　　　　　　　　　　　　**2019 − 2023**
Bachelor of Technology in Computer Science and Engineering　　　　　　　　　　　　　　*Hooghly, WB*
CGPA: 9.12/10

COURSEWORK

- Data Structures and Algorithm
- Object Oriented Programming
- Database Management System
- Computer Networks
- Operating System

TECHNICAL SKILLS

Languages : Java, JavaScript, C++, HTML, CSS, React.JS
Technologies : Node.js, Express.js, REST APIs, Socket.IO, RabbitMQ
Databases : MySQL, MongoDB
Others : AWS EC2, S3, Git, GitHub

PROJECTS

FOODIEAL − *JavaScript, NodeJS, ExpressJS, MongoDB*　　　　　　　　　　　　　　**CODE**
- FOODIEAL is an Online Food Ordering Application. This has similar features to Swiggy/Zomato.
- **Key Features :** User Registration/Login, Reset Password, Update Profile, Order Product, Search according to filters(**pagination**), make a review on products, used **AWS S3** for storing images
- User **Authorization** for performing an authorized task like adding a new product, deleting a product, or updating a product. Storing user Password in Hashed format using Bcrypt

ROCKET-CHAT − *JavaScript, NodeJS, ExpressJS, MongoDB, React*　　　　　　　　　**CODE**
- Rocket-Chat is a real-time messaging application built upon Web-Socket technology using **Socket.IO**.
- Has a good-looking and responsive UI build using **React** Library.
- **Key Features :** User Registration/Login, Group, and Private chats, File sharing, Push notifications of messages
- Stores users password in Hashed format using **Bcryptjs**, used **Cloudinary** for storing images

TWITTER BACKEND − *JavaScript, NodeJS, ExpressJS, MongoDB*　　　　　　　　　**CODE**
- This is a clone of the original Twitter, it has similar features like, users can Tweet, Comment, and Like.
- **Key Features :** Comment on a tweet, Comment on a comment, Like on a tweet, Like on a comment.
- Stores users password in Encrypted form using **Bcryptjs**.
- User authentication using **Passport-Jwt** and **JSON Web Tokens**.

AIRLINE-BOOKING-SYSTEM − *JavaScript, ExpressJS, MySQL, Sequelize ORM, RabbitMQ*　**CODE**
- This is a simple Airline Ticket Booking Backend System, where users can search for flights according to their choice using filters and can get all the details of the flight like price, availability etc.
- **Microservice-Based Architecture**, separate Modules for separate features like Flight and Search service, Booking Service, Authentication Service, Reminder Service, and API Gateway.
- **Key Features :** user authentication using email and password, booking flights, notification via email about the flight using **Nodemailer** and used **node-cron** for scheduled mail sending, used **RabbitMQ** for message queue between Booking Service and Reminder Service.

CERTIFICATIONS

Introduction to Back-End Development by Meta | *COURSERA*　　　　　　　　　　　　**LINK**
Programming with JavaScript by Meta | *COURSERA*　　　　　　　　　　　　　　　**LINK**
The Complete Web Development by Angela Yu | *UDEMY*　　　　　　　　　　　　　**LINK**